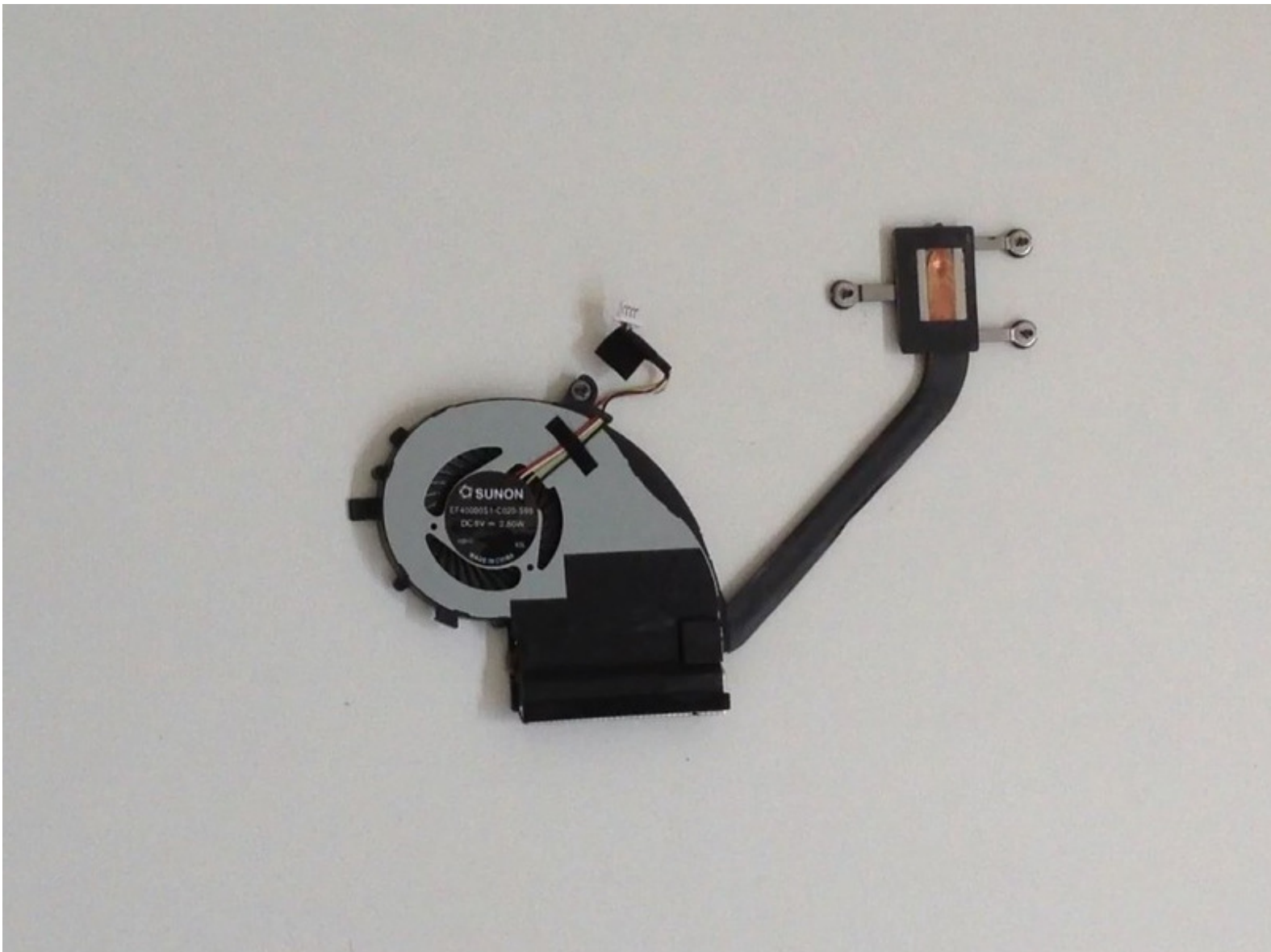




# Acer Aspire V5-572 CPU Maintenance and Thermal Compound Replacement

Repairing Acer Aspire V5-572, V5-572G Cooling System Cleaning, CPU Thermal Compound replacing

Written By: ZFix



## INTRODUCTION

If your laptop overheats, you must open it, clean the cooling system and replace the CPU thermal paste.

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[video: <http://youtu.be/Sg8tUXZL864>]

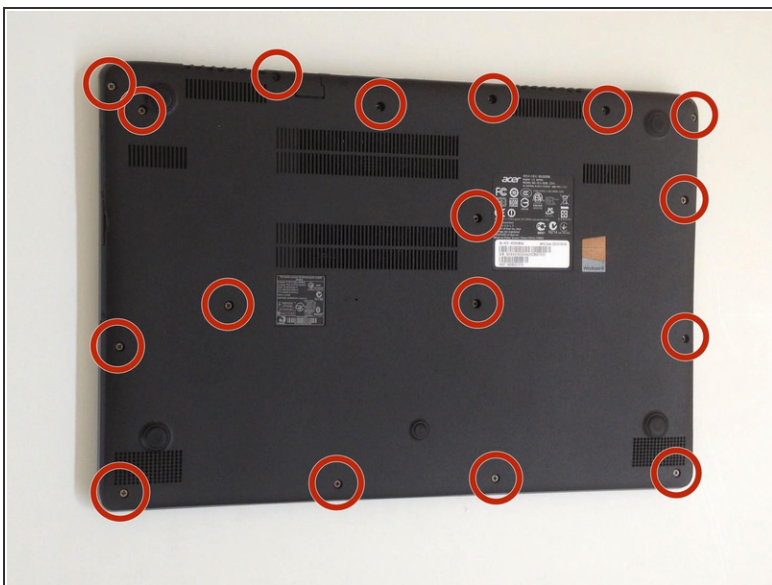
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### TOOLS:

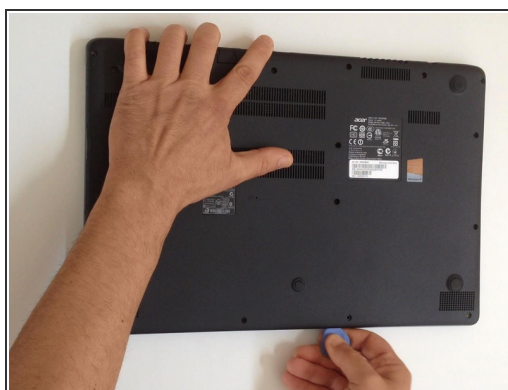
- [Phillips #0 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [iFixit Opening Picks set of 6](#) (1)
  - [Brush](#) (1)
  - [Arctic Silver Thermal Paste](#) (1)
  - [Isopropyl Alcohol](#) (1)
-

## Step 1 — Bottom Cover



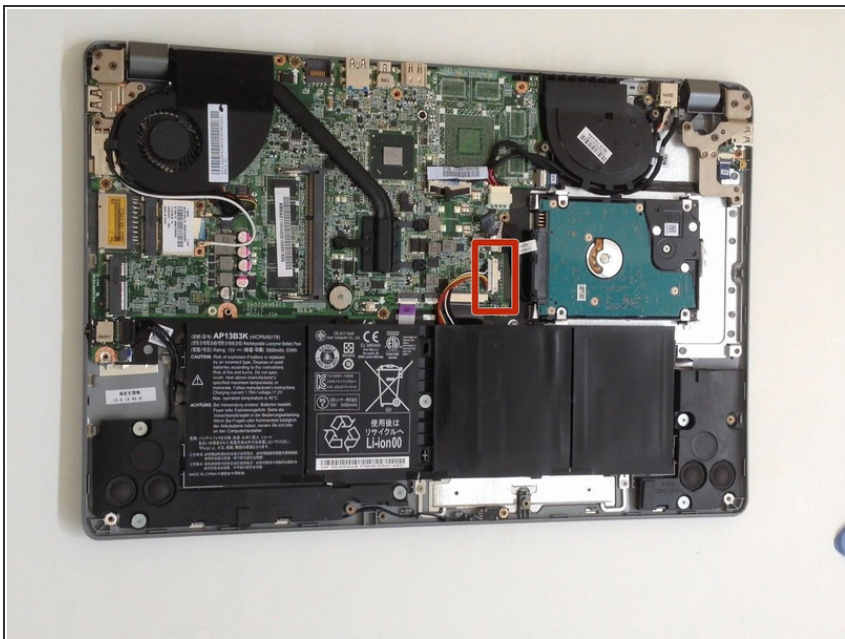
- Switch-off the Laptop.
- Remove 17x Philips screws.

## Step 2



- Start opening from the SD Memory Card hole
- ⚠ Use plastic tools to avoid damaging the cover.

## Step 3

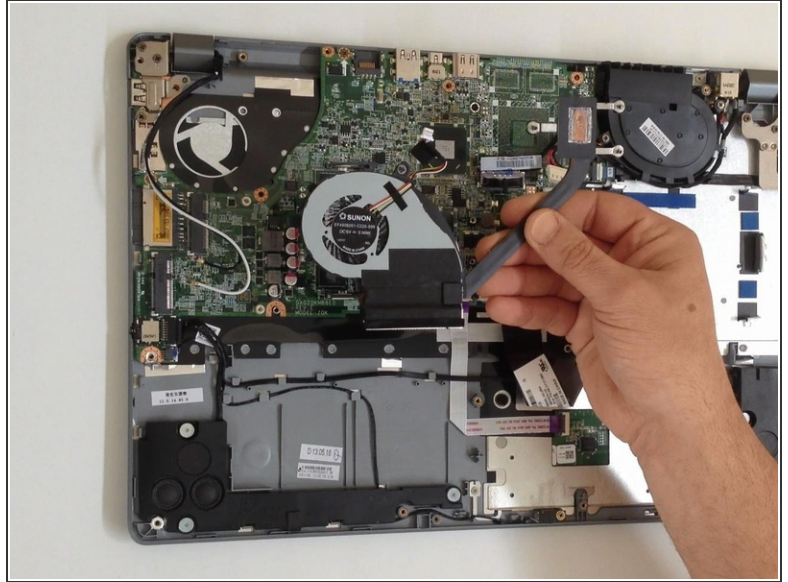
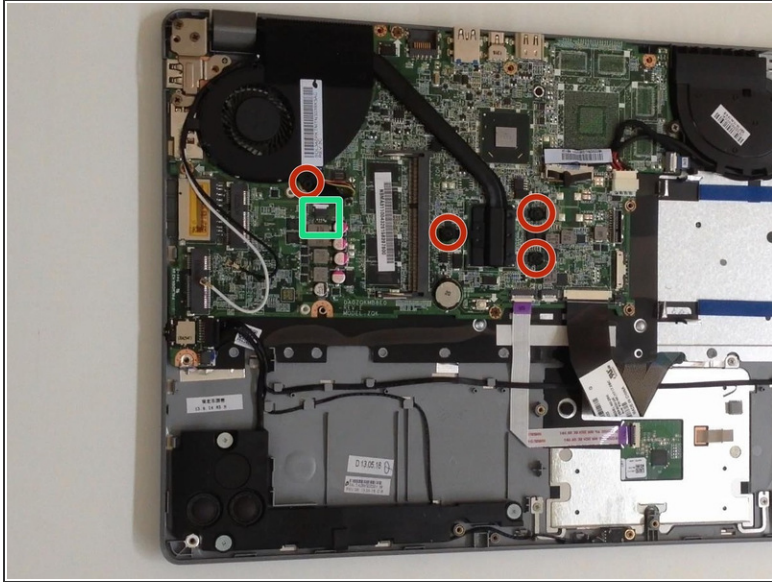


⚠ Before doing anything, disconnect the battery.

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## Step 4 — Cooling / Fan System



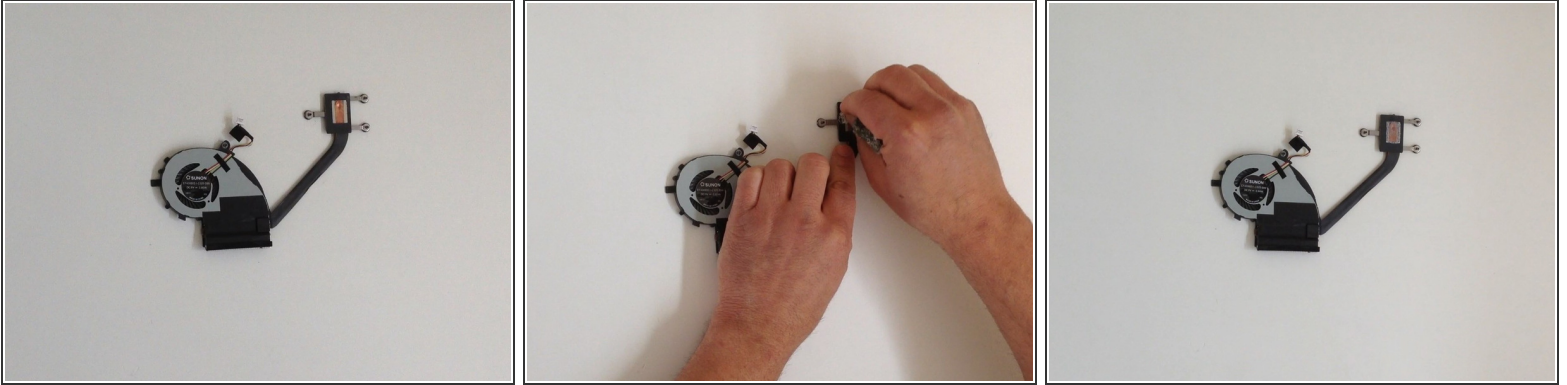
● Disconnect the Fan cable.

● Remove the three screws from the CPU cooler and one from the Fan module.

⚠ When you change the Cooling system, you must clean the processor from old thermal compound and put new.

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## Step 5 — Acer Aspire V5-572 CPU Maintenance and Thermal Compound Replacement



- Use a lint-free cloth to clean the old thermal compound.

⚠ If the thermal compound is solidified, you can use a flat end of any plastic tool to scrape it off.

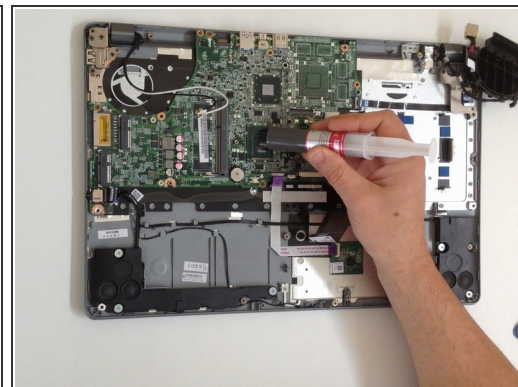
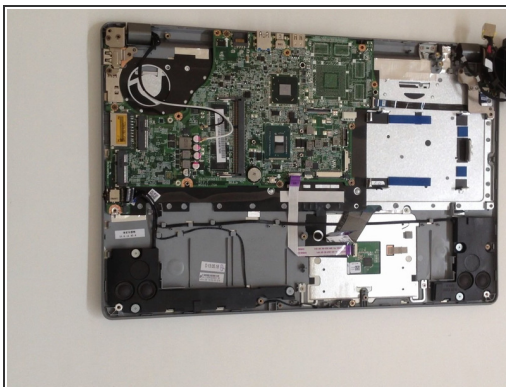
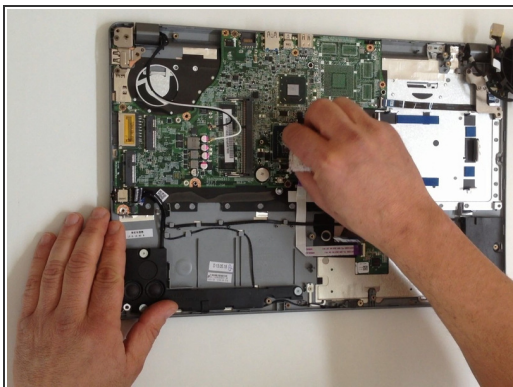
- Use again cloth with isopropyl alcohol to clean the Thermal surface.

## Step 6



- Remove the 3x Phillips screws and open the Fan case.
- Use a soft brush and clean the Fan and the Cooler.

## Step 7



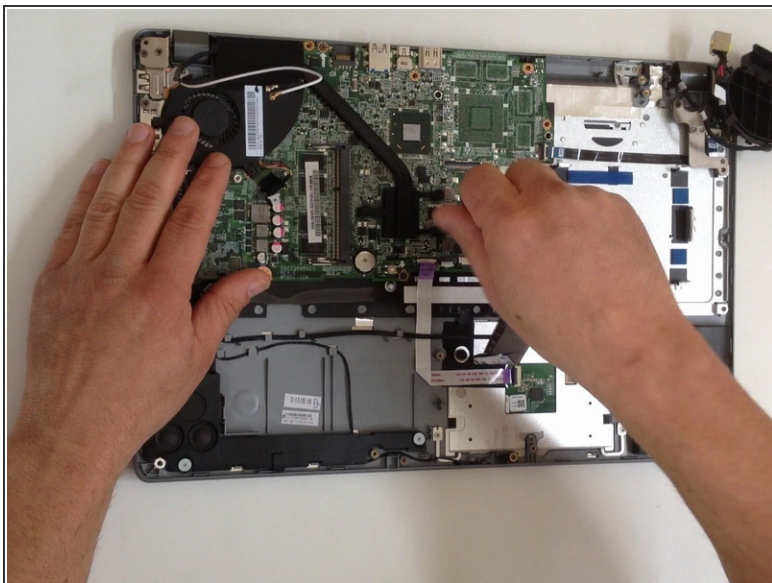
- Use the same technic to clean the surface of the processor from the old thermal compound

⚠ Be carefully, if you don't want to break the CPU.

- Dispense a small amount of thermal compound and gently smear it over the entire processor surface.



## Step 8



⚠ Careful install the Cooling system with even pressure from all sides, and the bead that you placed on the surface will spread over the entire contact surface.

● .

● Did you do it successfully?

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To reassemble your device, follow these instructions in reverse order.

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